

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005961**Date Inspected:** 18-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai ,China**CWI Name:** Li Yan Hua**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Assembly**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) Inspector was present during the times noted above for observations relative to the work being performed.

Segment Repair Yard (South of the paint shop)

Segment 5AW

This QA Inspector performed Ultrasonic testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (UT) report for this date. The members are identified as the FL2-1 and FL2-2 sub-assembly welds. The Weld Designations are as follows: FB003-035-001, FB004-010-043, FB004-005-043, FB004-012-043 and FB003-040-001.

This QA Inspector performed Ultrasonic testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (UT) report for this date. The members are identified as the diagonal trusses in way of the floor beams. The Weld Designations are as follows: SSD14A-PP31-132, SSD13-PP30-137 and SSD13A-PP29-132.

This QA Inspector performed Ultrasonic testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (UT) report for this date. The members are identified as the floor beam super assembly welds. The Weld Designations are as follows: SSD13A-PP29-128, SSD13A-PP29-124, SSD13A-PP29-002, SSD13A-PP29-007, SSD13-PP29-002, SSD13-PP29-009, SSD13-PP29-132, SSD13-PP29-138, SSD14-PP31-132, SSD14-PP31-202, SSD14A-PP31-128, SSD14A-PP31-198, SSD13-PP30-002, SSD13-PP30-009, SSD13-PP30-132, SSD13-PP30-138,

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SSD13A-PP30-002, SSD13A-PP30-007, SSD13A-PP30-128 and SSD13A-PP30-134.

This QA Inspector performed Ultrasonic testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (UT) report for this date. The members are identified as the segment lifting lugs. The Weld Designations are as follows: SSD14-PP31-220, SSD14-PP31-232, SSD14A-PP31-240, and SSD14A-PP31-252.

This QA Inspector performed Ultrasonic testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (UT) report for this date. The members are identified as the corner assembly welds splices. The Weld Designations are as follows: CA015-003, CA015-004, CA016-003 and CA016-004.

This QA Inspector performed Ultrasonic testing (UT) of approximately 10% of the area previously tested and accepted by ZPMC Quality control personnel. This QA inspector generated a (UT) report for this date. The members are identified as the deck panel diaphragm splice welds. The Weld Designations are as follows: SEG021*-015, SEG021*-016, SEG021*-017, SEG021*-018, SEG021*-019, SEG021*-020, SEG021*-031 and SEG021*-032.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Patterson,Rodney	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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